CSE 486/586 Distributed Systems
Wrap-up

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CSE 486/586 Administrivia

- PA4 deadline: 5/10
- Final exam: 5/17 @ 11:45 am – 2:45 pm in Knox 109
  - Includes everything
  - True/false questions & multi-choice questions
  - Cheat sheet allowed (1-page, letter-sized, front-and-back)
  - No restroom use
- Survey & course evaluation
  - Survey: https://forms.gle/eg1wHN2G8S6GVz3e9
  - Course evaluation: https://www.smartevals.com/login.aspx?s=buffalo
- Incentive when both have 80% or more participation
  - Currently about 50% for both
- No recitation this week; replaced with office hours

CSE 486/586 Administrivia

- Important things about the final week
  - PA4 scores will hopefully be posted by Wednesday.
  - Re-grading will be done on Thursday & Friday.
- Final grading
  - I'm shooting for Tuesday (5/21) for posting, Wednesday (5/22) for reviewing, and Thursday (5/23) for finalizing.
  - This will change if there's any delay in grading at the scoring center.

CSE 486/586 Administrivia

- Distinguished speaker talk 2--3pm today in SU 330
- Cynthia Rudin from Duke University
- Alumnus of UB
- AI/ML
- No office hours from me today (sorry). Email me if you want.

Building a Distributed System

- *"The number of people who know how to build really solid distributed systems…is about ten"*
  - Scott Shenker, Professor at UC Berkeley

- Are you confident now?

- What were the most interesting topic to you?

The Way I See It

- We've learned some of the building blocks & fundamental results…
  - Networking basics, failure detection, logical time, reliable multicast, mutual exclusion, leader election, transactions, concurrency control, replication, gossiping, Paxos, BFT, …
- …and how real systems get built using those…
  - P2P, DHT, Dynamo, …
- …and also got some experience in building/using the fundamental building blocks…
  - Ordered multicast for messaging, a DHT, and a replicated key-value storage

Acknowledgements

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